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RAW SEQUENCE LISTING   DATE: 07/31/2001
PATENT APPLICATION: US/09/835,992A   TIME: 13:14:40

Input Set : A:\L0461-7112.txt
Output Set: N:\CRF3\07312001\I835992A.raw

p.5

ENTERED

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   2 <110> APPLICANT: Obata, Yuichi
   4 <120> TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES ASSOCIATED WITH GASTRIC
CANCER AND
   5       METHODS FOR DIAGNOSING AND TREATING GASTRIC CANCER
   7 <130> FILE REFERENCE: L0461/7112
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/835,992A
C--> 11 <141> CURRENT FILING DATE: 2001-04-16
  13 <150> PRIOR APPLICATION NUMBER: US 08/896,164
  14 <151> PRIOR FILING DATE: 1997-07-17
  16 <160> NUMBER OF SEQ ID NOS: 87
  17 <170> SOFTWARE: PatentIn version 3.0
  19 <210> SEQ ID NO: 1
  20 <211> LENGTH: 707
  21 <212> TYPE: DNA
  22 <213> ORGANISM: Homo sapiens
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W--> 106 gggaagctat gcgaaattat ttaaaagagc gaggggatca aacagtnctt attcttcatg 120
W--> 107 caaaagttgc acagaagtca tatggaaatg aaanaaggtt tttttgccca cctccttgtg 180
W--> 108 tatatcttat gggcantgga tggaagaaaa aaaangaaca aatggaacgc gatggttgtt 240
     109 ctgaacaaaa gtctcaaccg tgtgcattta ttgggatagg aaatagtgac caaaaaatgc 300
W--> 110 agcagctana cttggaagga aagaactatt gcacagccaa aacattgtat atatctgact 360
     111 cagacaagcg aaagcacttc atgttgtctg taaagatgtt ctatggcaac agtgatgaca 420
W--> 112 ttggtgtgtt cctcagcaag cgaataaaag tcntctccaa accttccaaa aagaacagtc 480
W--> 113 attgaaaaat gctgacttat gcattgcctc angaacaaag gtggctctgt ttaatcgact 540
W--> 114 acnatcccan acagttagta ccagatactt gcatgttana aggaggtnat tttcatgcca 600
W--> 115 gttcacagcn gtggggagcc tttttttattc anctcttgga tgatgatgan tccnaaggag 660
W--> 116 aagaattcac ngtccgagat ggctacatcc attatggaca aacagtc    707
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     120 <211> LENGTH: 551
     121 <212> TYPE: DNA
     122 <213> ORGANISM: Homo sapiens
     124 <220> FEATURE:
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134 <220> FEATURE:
135 <221> NAME/KEY: Unsure
136 <222> LOCATION: (455)..(455)
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139 <220> FEATURE:
140 <221> NAME/KEY: Unsure
141 <222> LOCATION: (544)..(544)
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144 <220> FEATURE:
145 <221> NAME/KEY: Unsure
146 <222> LOCATION: (546)..(546)
147 <223> OTHER INFORMATION: n = a, c, g or t
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151 atcacctggt atgaaaagtt ttcccaagaa accacaaacg attgttcatt ttttctcctt 120
152 ttttgttaac tttttgccac actcaagtca gtttaagtcc tagcaaaaag acggtagtta 180
W--> 153 ggataccact gtggctgtan atgatgtgac actggttgaa tttgtgctgg cgtttgtgta 240
154 acttccctcg ctgtttgtgt ttgattcgtt aggggggcacc tggcttgaat tggctcgaag 300
W--> 155 gattgctcct gctgcactgc aatgtggccg cggccctggt tctggtgtgt angtaaaggt 360
156 aaggctggtg gaataaatga ttccaccatt tcggaccaaa gttactggaa cctggactgg 420
W--> 157 ttgccggacc catctccaac cttctcggaa tgcanaaatg tctgggacga cacagaacat 480
158 acctctccac acctgtacat aatttcagct tctacatccc caaaccacac tcgtaaattt 540
W--> 159 ggantnaaaa t           551
162 <210> SEQ ID NO: 3
163 <211> LENGTH: 478
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo sapiens
167 <220> FEATURE:
168 <221> NAME/KEY: Unsure
169 <222> LOCATION: (39)..(39)
170 <223> OTHER INFORMATION: n = a, c, g or t
172 <220> FEATURE:
173 <221> NAME/KEY: Unsure
174 <222> LOCATION: (100)..(100)
175 <223> OTHER INFORMATION: n = a, c, g or t
177 <220> FEATURE:
178 <221> NAME/KEY: Unsure
179 <222> LOCATION: (135)..(135)
180 <223> OTHER INFORMATION: n = a, c, g or t
182 <220> FEATURE:
183 <221> NAME/KEY: Unsure
184 <222> LOCATION: (147)..(147)
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RAW SEQUENCE LISTING   DATE: 07/31/2001
PATENT APPLICATION: US/09/835,992A   TIME: 13:14:40

Input Set : A:\L0461-7112.txt
Output Set: N:\CRF3\07312001\I835992A.raw

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185 <223> OTHER INFORMATION: n = a, c, g or t
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188 <221> NAME/KEY: Unsure
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199 <222> LOCATION: (270)..(270)
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203 <221> NAME/KEY: Unsure
204 <222> LOCATION: (339)..(339)
205 <223> OTHER INFORMATION: n = a, c, g or t
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208 <221> NAME/KEY: Unsure
209 <222> LOCATION: (347)..(347)
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212 <220> FEATURE:
213 <221> NAME/KEY: Unsure
214 <222> LOCATION: (357)..(357)
215 <223> OTHER INFORMATION: n = a, c, g or t
217 <220> FEATURE:
218 <221> NAME/KEY: Unsure
219 <222> LOCATION: (360)..(360)
220 <223> OTHER INFORMATION: n = a, c, g or t
222 <220> FEATURE:
223 <221> NAME/KEY: Unsure
224 <222> LOCATION: (364)..(364)
225 <223> OTHER INFORMATION: n = a, c, g or t
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228 <221> NAME/KEY: Unsure
229 <222> LOCATION: (389)..(389)
230 <223> OTHER INFORMATION: n = a, c, g or t
232 <220> FEATURE:
233 <221> NAME/KEY: Unsure
234 <222> LOCATION: (395)..(395)
235 <223> OTHER INFORMATION: n = a, c, g or t
237 <220> FEATURE:
238 <221> NAME/KEY: Unsure
239 <222> LOCATION: (417)..(418)
240 <223> OTHER INFORMATION: n = a, c, g or t
242 <220> FEATURE:
243 <221> NAME/KEY: Unsure
244 <222> LOCATION: (422)..(422)
245 <223> OTHER INFORMATION: n = a, c, g or t
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/835,992A

DATE: 07/31/2001
TIME: 13:14:40

Input Set : A:\L0461-7112.txt
Output Set: N:\CRF3\07312001\I835992A.raw

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248 <221> NAME/KEY: Unsure
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250 <223> OTHER INFORMATION: n = a, c, g or t
252 <220> FEATURE:
253 <221> NAME/KEY: Unsure
254 <222> LOCATION: (442)..(442)
255 <223> OTHER INFORMATION: n = a, c, g or t
257 <220> FEATURE:
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259 <222> LOCATION: (451)..(451)
260 <223> OTHER INFORMATION: n = a, c, g or t
262 <220> FEATURE:
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264 <222> LOCATION: (463)..(463)
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267 <220> FEATURE:
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270 <223> OTHER INFORMATION: n = a, c, g or t
272 <400> SEQUENCE: 3
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W--> 273 actgtggctt ctgcatttca aatcagcact tgcagggana caacggggtt tttgaatagt 60
W--> 274 atcacctggt atgaaaagtt ttcccaagaa accacaaacn attgttcatt ttttctcctt 120
W--> 275 ttttgttaac ttttngccac actcaantca gtttaagtcc tagcaaaaan acggtagtta 180
W--> 276 ggataccact gtggctgtaa atgatntgac actggttgaa tttgtgctgg cgtttgtgta 240
W--> 277 acttccctcg ctgtttgtgt ttgattcgtn aggggcacc tggcttgaat tggctcgaag 300
W--> 278 gattgctcct gctgcactgc aatgtggccg cgggcctgnt tcttatntgt tgtaaangtn 360
W--> 279 aggntggtgg aataaatgat tccatcatnt cggancgaag ttgctgggaa ctggganngg 420
W--> 280 tngncggaac catctccgac cncccggaaa ngcagaagtg ttngtggnag accggaac 478

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285 <212> TYPE: DNA
286 <213> ORGANISM: Homo sapiens
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289 <221> NAME/KEY: Unsure
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291 <223> OTHER INFORMATION: n = a, c, g or t
293 <220> FEATURE:
294 <221> NAME/KEY: Unsure
295 <222> LOCATION: (147)..(147)
296 <223> OTHER INFORMATION: n = a, c, g or t
298 <220> FEATURE:
299 <221> NAME/KEY: Unsure
300 <222> LOCATION: (157)..(157)
301 <223> OTHER INFORMATION: n = a, c, g or t
303 <220> FEATURE:
304 <221> NAME/KEY: Unsure
305 <222> LOCATION: (163)..(163)
306 <223> OTHER INFORMATION: n = a, c, g or t
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Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/835,992A**

DATE: 07/31/2001
TIME: 13:14:41

Input Set : **A:\L0461-7112.txt**
Output Set: **N:\CRF3\07312001\I835992A.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
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L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
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L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

VERIFICATION SUMMARY   DATE: 07/31/2001
PATENT APPLICATION: **US/09/835,992A**   TIME: 13:14:41

Input Set : **A:\L0461-7112.txt**
Output Set: **N:\CRF3\07312001\I835992A.raw**

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L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
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